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**REPLY UNDER 37 CFR § 1.116
EXPEDITED PROCEDURE**

PATENT
Docket No.: R1390-00003
[Former Docket No.: 8223.002.CPUS02]
Client Ref.: Archimedes, Inc.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Leonard SCHLESSINGER, et al.

Confirmation No.: 8542

Serial No.: 10/763,653

Group Art Unit: 1631

Filing Date: January 12, 2004

Examiner: Jason M. Sims

Title: GENERATING A MATHEMATICAL
MODEL FOR DIABETES

REPLY TO FINAL OFFICE ACTION UNDER 37 CFR § 1.116

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

This is in reply to the Office Action dated September 11, 2008, Paper No. 20080903, for which a reply is due on December 11, 2008. This reply is filed within two months of the issuance of the final Office Action and therefore qualifies for expedited review. Accordingly, this reply is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

The **Remarks** begin on page 11 of this paper.

The **Conclusion** begins on page 18 of this paper.